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# Hogs and Pigs



National  
Agricultural  
Statistics  
Service

United States  
Department of  
Agriculture

Washington, D.C.

Released March 31, 1995, by the Agricultural Statistics Board. Estimates refer to March 1, 1995, and December 1994-February 1995.

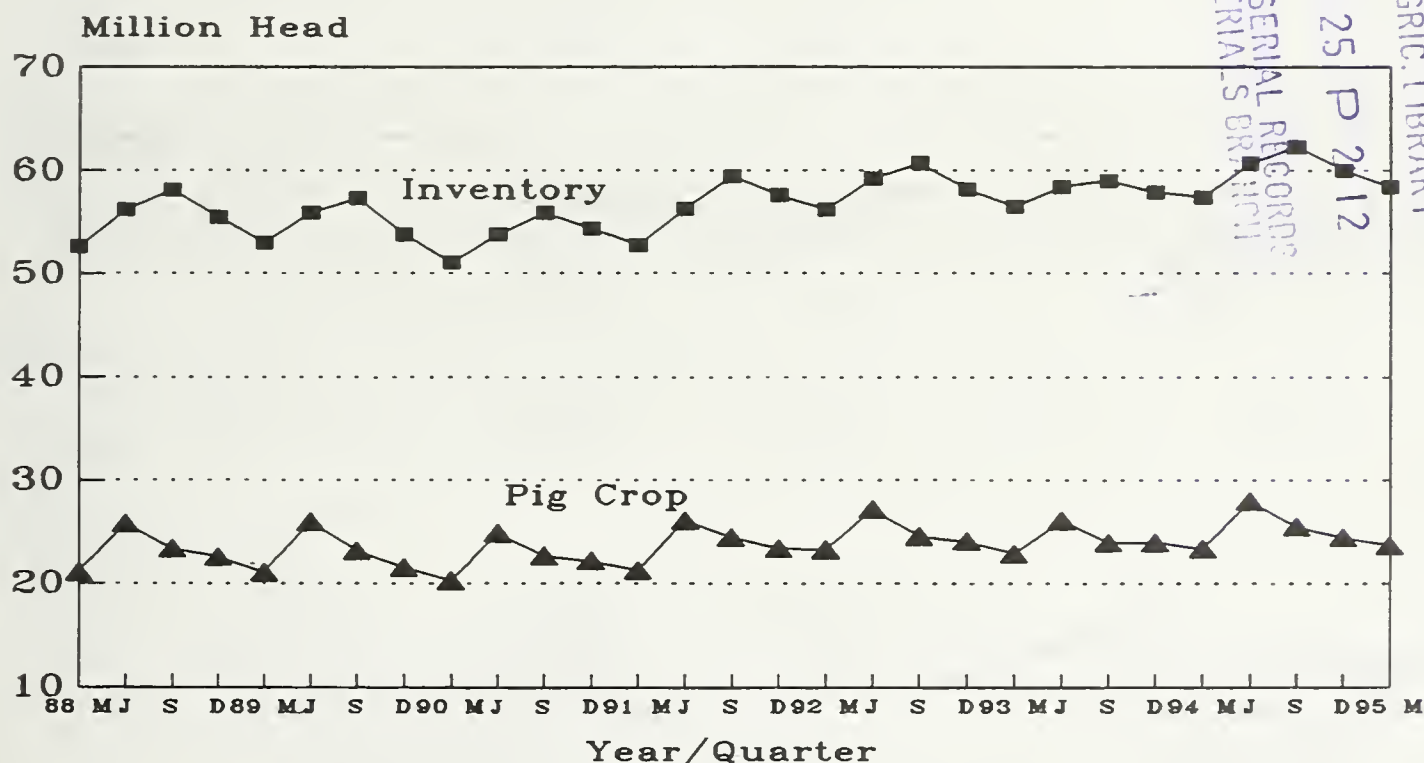
## U.S. Hog Inventory Up 2 Percent

U.S. inventory of all hogs and pigs on March 1, 1995, was a record high 58.4 million head. This was 2 percent above March 1994 but 3 percent below the December 1, 1994, inventory. The previous record high March inventory was in 1994.

Breeding inventory, at 6.99 million head, was down 3 percent from March 1, 1994, and down 1 percent from the previous quarter. Market hog inventory, at 51.4 million head, was 3 percent above March 1, 1994, but 3 percent below December 1, 1994.

The December 1994-February 1995 U.S. pig crop was a record high 23.7 million head, 2 percent more than 1994 and up 4 percent from the same period in 1993. Sows farrowing during this period totaled 2.87 million head, down slightly from

## March 1 Inventory & Pig Crop United States



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last year but 2 percent above two years ago. Pigs saved per litter were a record high 8.27 compared to 8.10 during the same period a year ago. Pigs saved per litter by size of operation ranged from 7.00 for operations with 1-99 hogs to 8.70 for operations with 2,000 or more hogs and pigs.

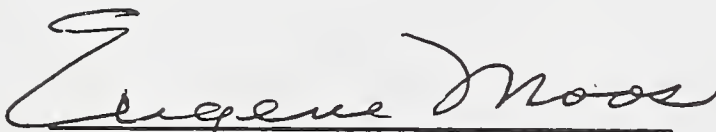
U.S. producers intend to have 3.21 million sows farrow during the March-May 1995 quarter, 5 percent less than the actual farrowings during the same period last year and down slightly from 1993. Intended farrowings for June-August 1995, at 3.02 million sows, are down 3 percent from 1994 but up 2 percent from the 1993 period.

### Revisions

All inventory and pig crop estimates for 1994 were reviewed using slaughter and balance sheets. Based on this review, the December 1, 1994, inventory was raised 380 thousand head (.6 percent). The September-November 1994 pig crop was raised 283 thousand head (1.2 percent).

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This report was approved on March 31, 1995, by the Acting Secretary of Agriculture and the National Agricultural Statistics Service's Agricultural Statistics Board.



Acting Secretary of  
Agriculture  
Eugene Moos



Agricultural Statistics Board  
Chairperson  
Rich Allen

Hogs and Pigs: Inventory Number by Class, Weight Group,  
and Quarter, United States, 1993-95

Item	1993	1994	1995	1995 as % of	
				1993	1994
	1,000 Head			Percent	
March 1 Inventory					
All Hogs and Pigs	56,545	57,350	58,415	103	102
Kept for Breeding	7,040	7,210	6,988	99	97
Market	49,505	50,140	51,427	104	103
Market Hogs and Pigs					
by Weight Groups					
Under 60 Pounds	18,480	18,780	19,201	104	102
60-119 Pounds	12,107	12,190	12,498	103	103
120-179 Pounds	10,372	10,430	10,604	102	102
180 Pounds and Over	8,546	8,740	9,124	107	104
June 1 Inventory					
All Hogs and Pigs	58,395	60,715			
Kept for Breeding	7,320	7,565			
Market	51,075	53,150			
Market Hogs and Pigs					
by Weight Groups					
Under 60 Pounds	20,770	22,125			
60-119 Pounds	12,865	13,145			
120-179 Pounds	9,590	9,825			
180 Pounds and Over	7,850	8,055			
September 1 Inventory					
All Hogs and Pigs	59,030	62,320			
Kept for Breeding	7,130	7,415			
Market	51,900	54,905			
Market Hogs and Pigs					
by Weight Groups					
Under 60 Pounds	19,675	20,790			
60-119 Pounds	13,175	13,960			
120-179 Pounds	10,545	11,170			
180 Pounds and Over	8,505	8,985			
December 1 Inventory					
All Hogs and Pigs	57,904	59,992			
Kept for Breeding	7,165	7,061			
Market	50,739	52,932			
Market Hogs and Pigs					
by Weight Groups					
Under 60 Pounds	19,173	19,558			
60-119 Pounds	12,659	13,087			
120-179 Pounds	10,212	10,941			
180 Pounds and Over	8,695	9,346			



Farrowings: Number of Sows, Pig Crop, and Pigs Per Litter,  
United States, 1993-95

Item	1993	1994	1995	1995 as % of	
				1993	1994
	----- 1,000 Head -----			Percent	
Sows Farrowing					
Dec-Feb <u>1/</u>	2,808	2,885	2,871	102	100
Mar-May <u>2/</u>	3,220	3,389	3,212	100	95
Dec-May <u>1/</u> <u>3/</u>	6,028	6,274	6,083	101	97
Jun-Aug <u>2/</u>	2,972	3,107	3,018	102	97
Sep-Nov	2,982	2,995			
Jun-Nov	5,954	6,102			
Pig Crop					
Dec-Feb <u>1/</u>	22,871	23,368	23,736	104	102
Mar-May	26,135	27,976			
Dec-May <u>1/</u>	49,006	51,344			
Jun-Aug	24,041	25,547			
Sep-Nov	24,003	24,509			
Jun-Nov	48,044	50,056			
	----- Number -----				
Pigs per Litter					
Dec-Feb <u>1/</u>	8.15	8.10	8.27	101	102
Mar-May	8.12	8.26			
Dec-May <u>1/</u>	8.13	8.18			
Jun-Aug	8.09	8.22			
Sep-Nov	8.05	8.18			
Jun-Nov	8.07	8.20			

1/ December preceding year. 2/ Intentions for 1995. 3/ Actual farrowings for December-February 1995 plus intentions for March-May 1995.

Pigs per Litter: By Size of Operation, United States, 1994-95

Pig Crop	Pigs per Litter on Operations Having				
	1-99 Head	100-499 Hd	500-999 Hd	1,000-1,999 Hd	2,000+ Head
	----- Number -----				
1993					
Sep-Nov	7.30	7.60	8.00	8.10	8.50
1994					
Dec-Feb <u>1/</u>	6.85	7.70	8.00	8.15	8.55
Mar-May	7.50	7.80	8.10	8.25	8.65
Jun-Aug	7.30	7.70	8.00	8.15	8.70
Sep-Nov	7.50	7.70	7.90	8.20	8.60
1995					
Dec-Feb <u>1/</u>	7.00	7.70	8.00	8.20	8.70

1/ December preceding year.

Hogs and Pigs: Inventory Number by Class, Weight Group,  
and Quarter, 16 States, 1993-95 <sup>1/</sup>

Item	1993	1994	1995	1995 as % of	
				1993	1994
	1,000 Head			Percent	
March 1 Inventory					
All Hogs and Pigs	61,695	52,150	53,165	103	102
Kept for Breeding	6,360	6,460	6,188	97	96
Market	46,235	45,690	46,977	104	103
Market Hogs and Pigs					
by Weight Groups					
Under 60 Pounds	16,800	17,010	17,401	104	102
60-119 Pounds	11,037	11,085	11,388	103	103
120-179 Pounds	9,592	9,620	9,784	102	102
180 Pounds and Over	7,806	7,975	8,404	108	106
June 1 Inventory					
All Hogs and Pigs	63,245	66,316			
Kept for Breeding	6,520	6,735			
Market	46,725	48,580			
Market Hogs and Pigs					
by Weight Groups					
Under 60 Pounds	18,900	20,145			
60-119 Pounds	11,735	11,945			
120-179 Pounds	8,820	9,015			
180 Pounds and Over	7,270	7,475			
September 1 Inventory					
All Hogs and Pigs	53,730	56,620			
Kept for Breeding	6,500	6,705			
Market	47,230	49,915			
Market Hogs and Pigs					
by Weight Groups					
Under 60 Pounds	17,775	18,740			
60-119 Pounds	12,025	12,725			
120-179 Pounds	9,675	10,260			
180 Pounds and Over	7,755	8,190			
December 1 Inventory					
All Hogs and Pigs	52,730	54,650			
Kept for Breeding	6,440	6,280			
Market	46,290	48,380			
Market Hogs and Pigs					
by Weight Groups					
Under 60 Pounds	17,430	17,795			
60-119 Pounds	11,625	11,980			
120-179 Pounds	9,280	9,995			
180 Pounds and Over	7,955	8,610			

<sup>1/</sup> GA, IL, IN, IA, KS, KY, MI, MN, MO, NE, NC, OH, PA, SD, TN, and WI.

Farrowings: Number of Sows, Pig Crop, and Pigs Per Litter,  
16 States, 1993-95 1/

Item	1993	1994	1995	1995 as % of	
				1993	1994
	----- 1,000 Head -----			Percent	
Sows Farrowing					
Dec-Feb <u>2/</u>	2,534	2,603	2,566	101	99
Mar-May <u>3/</u>	2,926	3,067	2,862	98	93
Dec-May <u>2/ 4/</u>	5,460	5,670	5,428	99	96
Jun-Aug <u>3/</u>	2,682	2,794	2,688	100	96
Sep-Nov	2,701	2,697			
Jun-Nov	5,383	5,491			
Pig Crop					
Dec-Feb <u>2/</u>	20,661	21,028	21,143	102	101
Mar-May	23,696	25,334			
Dec-May <u>2/</u>	44,357	46,362			
Jun-Aug	21,660	22,927			
Sep-Nov	21,703	22,044			
Jun-Nov	43,363	44,971			
	----- Number -----				
Pigs per Litter					
Dec-Feb <u>2/</u>	8.15	8.08	8.24	101	102
Mar-May	8.10	8.26			
Dec-May <u>2/</u>	8.12	8.18			
Jun-Aug	8.08	8.21			
Sep-Nov	8.04	8.17			
Jun-Nov	8.06	8.19			

1/ GA, IL, IN, IA, KS, KY, MI, MN, MO, NE, NC, OH, PA, SD, TN, and WI.

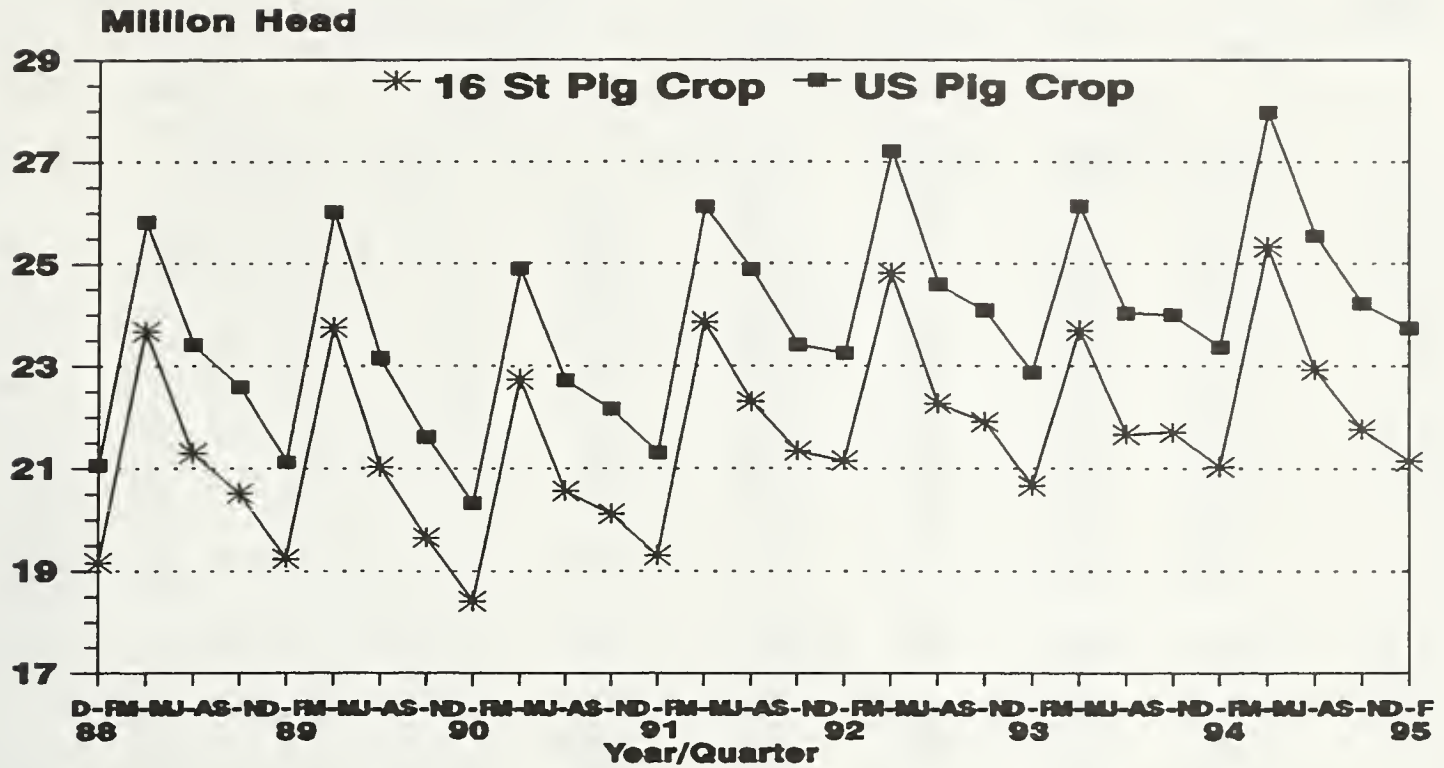
2/ December preceding year.

3/ Intentions for 1995.

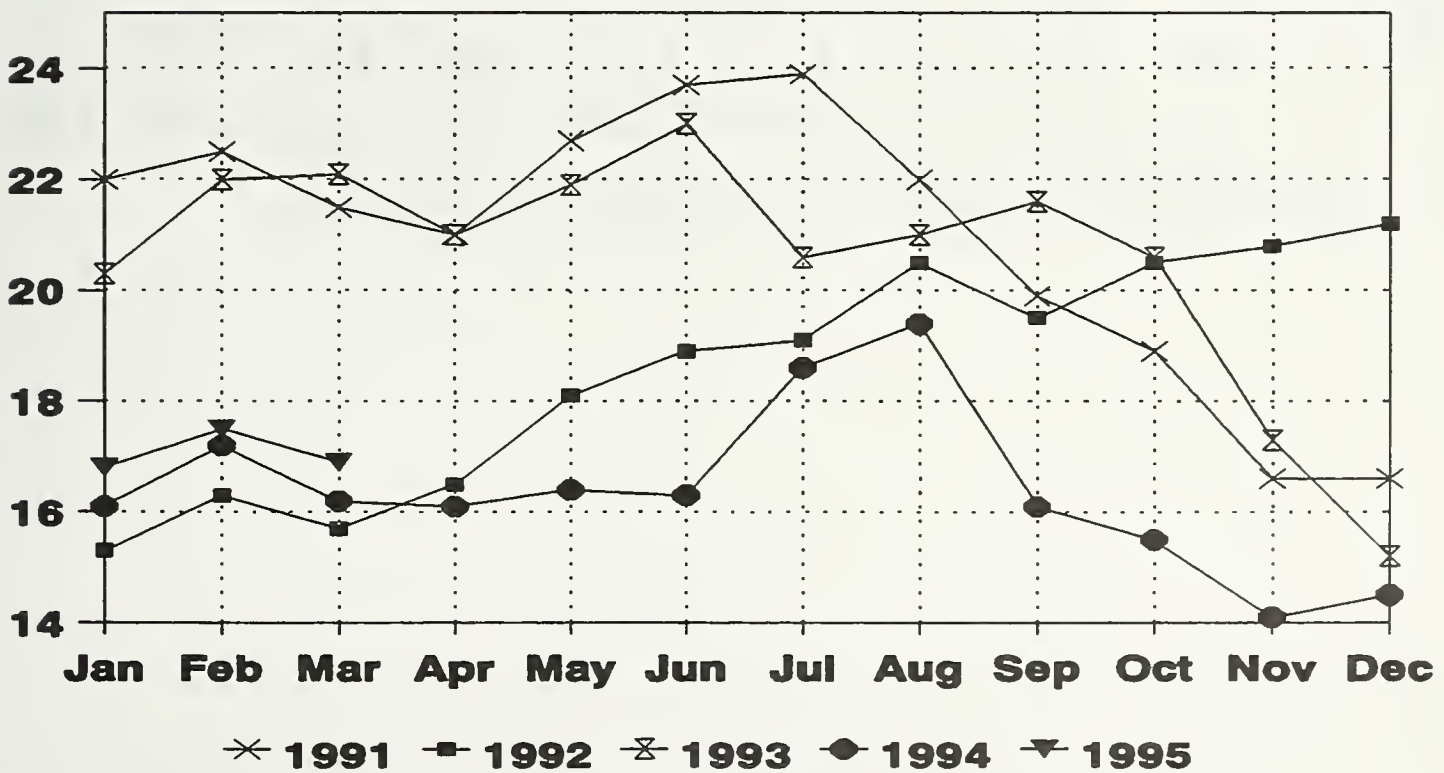
4/ Actual farrowings for December-February 1995 plus intentions for March-May 1995.



# Pig Crop U.S. and 16 States



# Hog-Corn Price Ratio Bu of Corn = Value to 100 Lbs Hogs LWWT



Hogs and Pigs: Breeding, Market, and Total Inventory  
by State and United States, March 1, 1994-95

State	Breeding			Market			Total		
	1995			1995			1995		
	1994	:as % of:		1994	:as % of:		1994	:as % of:	
	:Number	:1994	:	:Number	:1994	:	:Number	:1994	:
	1,000 Head	Percent		1,000 Head	Percent		1,000 Head	Percent	
GA	145	135	93	855	815	95	1,000	950	95
IL	730	670	92	4,870	4,730	97	5,600	5,400	96
IN	530	500	94	3,670	3,700	101	4,200	4,200	100
IA	1,600	1,450	91	13,000	12,750	98	14,600	14,200	97
KS	165	155	94	1,185	1,165	98	1,350	1,320	98
MN	560	530	95	4,190	4,120	98	4,750	4,650	98
MO	445	455	102	2,405	3,095	129	2,850	3,550	125
NE	520	490	94	3,680	3,560	97	4,200	4,050	96
NC	675	800	119	5,025	6,400	127	5,700	7,200	126
OH	225	210	93	1,355	1,340	99	1,580	1,550	98
10 Sts	5,595	5,395	96	40,235	41,675	104	45,830	47,070	103
KY	115	105	91	695	695	100	810	800	99
MI	185	155	84	935	895	96	1,120	1,050	94
PA	110	110	100	930	940	101	1,040	1,050	101
SD	220	215	98	1,460	1,455	100	1,680	1,670	99
TN	70	68	97	430	457	106	500	525	105
WI	165	140	85	1,005	860	86	1,170	1,000	85
16 Sts	6,460	6,188	96	45,690	46,977	103	52,150	53,165	102
Oth									
Sts 1/	750	800	107	4,450	4,450	100	5,200	5,250	101
US	7,210	6,988	97	50,140	51,427	103	57,350	58,415	102

1/ Individual State estimates not available for the 34 States.

Market Hogs and Pigs: Inventory Number by Weight Group.  
State, and United States, March 1, 1994-95

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1994	1995	1994	1995	1994	1995	1994	1995
	1,000 Head							
GA	340	315	230	215	180	180	105	105
IL	1,800	1,660	1,170	1,120	1,060	1,040	840	910
IN	1,330	1,330	930	960	750	730	660	680
IA	4,300	4,310	3,250	3,230	3,050	2,850	2,400	2,360
KS	435	430	280	275	260	255	210	205
MN	1,680	1,570	1,030	1,000	780	860	700	690
MO	995	1,370	555	715	470	585	385	425
NE	1,545	1,400	830	840	690	700	615	620
NC	2,060	2,580	1,130	1,420	955	1,200	880	1,200
OH	545	530	320	320	275	260	215	230
10 Sts	15,030	15,495	9,725	10,095	8,470	8,660	7,010	7,425
KY	260	265	185	175	140	135	110	120
MI	300	280	220	220	215	210	200	185
PA	330	340	230	225	205	190	165	185
SD	530	520	370	345	295	320	265	270
TN	175	171	90	108	95	99	70	79
WI	385	330	265	220	200	170	155	140
16 Sts	17,010	17,401	11,085	11,388	9,620	9,784	7,975	8,404
Oth								
Sts 1/	1,770	1,800	1,105	1,110	810	820	765	720
US	18,780	19,201	12,190	12,498	10,430	10,604	8,740	9,124

1/ Individual State estimates not available for the 34 States.

Hogs and Pigs: Breeding, Market, and Total Inventory  
by State and United States, June 1, 1993-94

State	Breeding			Market			Total		
	1994			1994			1994		
	1993	as % of		1993	as % of		1993	as % of	
	Number	1993		Number	1993		Number	1993	
	1,000 Head	Percent		1,000 Head	Percent		1,000 Head	Percent	
GA	140	140	100	890	890	100	1,030	1,030	100
IL	690	710	103	4,610	4,990	108	5,300	5,700	108
IN	550	550	100	3,900	3,850	99	4,450	4,400	99
IA	1,700	1,650	97	13,200	13,350	101	14,900	15,000	101
KS	185	175	95	1,315	1,235	94	1,500	1,410	94
MN	610	600	98	4,340	4,350	100	4,950	4,950	100
MO	425	500	118	2,875	3,100	108	3,300	3,600	109
NE	530	520	98	3,820	3,780	99	4,350	4,300	99
NC	560	750	134	4,240	5,650	133	4,800	6,400	133
OH	240	250	104	1,600	1,475	92	1,840	1,725	94
10 Sts	5,630	5,845	104	40,790	42,670	105	46,420	48,515	105
KY	120	115	96	700	685	98	820	800	98
MI	160	165	103	1,040	1,085	104	1,200	1,250	104
PA	105	110	105	955	970	102	1,060	1,080	102
SD	235	250	106	1,695	1,690	100	1,930	1,940	101
TN	90	90	100	510	510	100	600	600	100
WI	180	160	89	1,035	970	94	1,215	1,130	93
16 Sts	6,520	6,735	103	46,725	48,580	104	53,245	55,315	104
Oth									
Sts 1/	800	830	104	4,350	4,570	105	5,150	5,400	105
US	7,320	7,565	103	51,075	53,150	104	58,395	60,715	104

1/ Individual State estimates not available for the 34 States.



Market Hogs and Pigs: Inventory Number by Weight Group,  
State, and United States, June 1, 1993-94

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1993	1994	1993	1994	1993	1994	1993	1994
	1,000 Head							
GA	355	380	245	230	190	180	100	100
IL	1,830	1,970	1,160	1,240	900	970	720	810
IN	1,500	1,540	1,020	960	740	720	640	630
IA	5,400	5,600	3,300	3,300	2,400	2,400	2,100	2,050
KS	495	475	335	320	280	250	205	190
MN	1,700	1,700	1,100	1,090	840	860	700	700
MO	1,250	1,420	700	760	535	515	390	405
NE	1,550	1,600	1,000	975	710	690	560	515
NC	1,650	2,260	1,020	1,310	840	1,100	730	980
OH	680	700	400	350	290	250	230	175
10 Sts	16,410	17,645	10,280	10,535	7,725	7,935	6,375	6,555
KY	280	275	185	180	130	125	105	105
MI	515	555	210	210	165	165	150	155
PA	345	350	240	245	205	205	165	170
SD	715	715	435	400	300	305	245	270
TN	210	220	125	125	105	95	70	70
WI	425	385	260	250	190	185	160	150
16 Sts	18,900	20,145	11,735	11,945	8,820	9,015	7,270	7,475
Oth								
Sts 1/	1,870	1,980	1,130	1,200	770	810	580	580
US	20,770	22,125	12,865	13,145	9,590	9,825	7,850	8,055

1/ Individual State estimates not available for the 34 States.



Hogs and Pigs: Breeding, Market, and Total Inventory  
by State and United States, September 1, 1993-94

State	Breeding			Market			Total		
	1994			1994			1994		
	:as % of:			:as % of:			:as % of:		
	1993	Number	1993	1993	Number	1993	1993	Number	1993
	1,000 Head	Percent	1,000 Head	Percent	1,000 Head	Percent	1,000 Head	Percent	
GA	150	150	100	900	900	100	1,050	1,050	100
IL	710	700	99	5,190	5,150	99	5,900	5,850	99
IN	535	550	103	3,865	4,150	107	4,400	4,700	107
IA	1,700	1,700	100	13,400	13,900	104	15,100	15,600	103
KS	170	155	91	1,290	1,195	93	1,460	1,350	92
MN	610	600	98	4,340	4,400	101	4,950	5,000	101
MO	405	450	111	2,545	2,950	116	2,950	3,400	115
NE	510	530	104	3,840	3,920	102	4,350	4,450	102
NC	590	770	131	4,410	5,830	132	5,000	6,600	132
OH	230	245	107	1,530	1,555	102	1,760	1,800	102
10 Sts	5,610	5,850	104	41,310	43,950	106	46,920	49,800	106
KY	120	120	100	720	720	100	840	840	100
MI	155	140	90	1,095	1,160	106	1,250	1,300	104
PA	115	115	100	955	985	103	1,070	1,100	103
SD	230	240	104	1,570	1,610	103	1,800	1,850	103
TN	90	80	89	550	520	95	640	600	94
WI	180	160	89	1,030	970	94	1,210	1,130	93
16 Sts	6,500	6,705	103	47,230	49,915	106	53,730	56,620	105
Oth									
Sts 1/	630	710	113	4,670	4,990	107	5,300	5,700	108
US	7,130	7,415	104	51,900	54,905	106	59,030	62,320	106

1/ Individual State estimates not available for the 34 States.

Market Hogs and Pigs: Inventory Number by Weight Group,  
State, and United States, September 1, 1993-94

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1993	1994	1993	1994	1993	1994	1993	1994
1,000 Head								
GA	370	370	220	225	180	175	130	130
IL	1,890	1,750	1,260	1,320	1,100	1,130	940	950
IN	1,350	1,430	990	1,090	895	950	630	680
IA	4,600	4,850	3,700	3,900	2,800	2,850	2,300	2,300
KS	465	435	315	285	290	260	220	215
MN	1,750	1,740	1,110	1,080	790	850	690	730
MO	1,060	1,270	585	665	490	545	410	470
NE	1,650	1,720	870	870	740	750	580	580
NC	1,785	2,330	1,030	1,360	885	1,170	710	970
OH	630	640	380	370	310	335	210	210
10 Sts	15,550	16,535	10,460	11,165	8,480	9,015	6,820	7,235
KY	290	290	195	190	135	135	100	105
MI	400	370	325	340	200	250	170	200
PA	340	345	240	245	205	215	170	180
SD	560	600	410	420	350	355	250	235
TN	220	210	130	120	115	110	85	80
WI	415	390	265	245	190	180	160	155
16 Sts	17,775	18,740	12,025	12,725	9,675	10,260	7,755	8,190
Oth Sts <sup>1/</sup>	1,900	2,050	1,150	1,235	870	910	750	795
US	19,675	20,790	13,175	13,960	10,545	11,170	8,505	8,985

<sup>1/</sup> Individual State estimates not available for the 34 States.

Hogs and Pigs: Breeding, Market, and Total Inventory  
by State and United States, December 1, 1993-94

State	Breeding			Market			Total		
	1994			1994			1994		
	1993	:as % of:		1993	:as % of:		1993	:as % of:	
	: Number	: 1993	:	: Number	: 1993	:	: Number	: 1993	:
	1,000 Head	Percent		1,000 Head	Percent		1,000 Head	Percent	
GA	140	145	104	860	875	102	1,000	1,020	102
IL	685	620	91	4,765	4,730	99	5,450	5,350	98
IN	515	525	102	3,785	3,975	105	4,300	4,500	105
IA	1,700	1,500	88	13,300	13,000	98	15,000	14,500	97
KS	160	150	94	1,190	1,160	97	1,350	1,310	97
MN	590	550	93	4,160	4,300	103	4,750	4,850	102
MO	435	460	106	2,565	3,040	119	3,000	3,500	117
NE	540	530	98	3,760	3,820	102	4,300	4,350	101
NC	625	780	125	4,775	6,220	130	5,400	7,000	130
OH	205	215	105	1,425	1,585	111	1,630	1,800	110
10 Sts	5,595	5,475	98	40,585	42,705	105	46,180	48,180	104
KY	120	100	83	730	680	93	850	780	92
MI	165	160	97	1,055	1,090	103	1,220	1,250	102
PA	110	110	100	950	980	103	1,060	1,090	103
SD	215	210	98	1,535	1,530	100	1,750	1,740	99
TN	70	75	107	430	505	117	500	580	116
WI	165	150	91	1,005	890	89	1,170	1,040	89
16 Sts	6,440	6,280	98	46,290	48,380	105	52,730	54,660	104
Oth									
Sts 1/	725	781	108	4,449	4,552	102	5,174	5,332	103
US	7,165	7,061	99	50,739	52,932	104	57,904	59,992	104

1/ Individual State estimates not available for the 34 States.

Market Hogs and Pigs: Inventory Number by Weight Group,  
State, and United States, December 1, 1993-94

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1993	1994	1993	1994	1993	1994	1993	1994
	1,000 Head							
GA	330	330	245	245	175	185	110	115
IL	1,800	1,645	1,165	1,170	1,000	1,020	800	895
IN	1,345	1,400	1,000	1,050	800	830	640	695
IA	5,000	4,600	3,350	3,250	2,550	2,750	2,400	2,400
KS	405	400	320	305	255	250	210	205
MN	1,580	1,650	1,020	1,020	830	880	730	750
MO	1,025	1,260	625	730	480	485	435	565
NE	1,390	1,430	980	1,010	780	800	610	580
NC	1,950	2,420	1,100	1,400	925	1,260	800	1,140
OH	535	600	355	390	300	335	235	260
10 Sts	15,360	15,735	10,160	10,570	8,095	8,795	6,970	7,605
KY	285	250	190	175	140	145	115	110
MI	340	375	245	240	250	265	220	210
PA	340	335	240	245	205	215	165	185
SD	555	565	410	400	300	295	270	270
TN	150	190	115	115	100	110	65	90
WI	400	345	265	235	190	170	150	140
16 Sts	17,430	17,795	11,625	11,980	9,280	9,995	7,955	8,610
Oth Sts <sup>1/</sup>	1,743	1,763	1,034	1,107	932	946	740	736
US	19,173	19,558	12,659	13,087	10,212	10,941	8,695	9,346

<sup>1/</sup> Individual State estimates not available for the 34 States.



Farrowings: Number of Sows, Pigs per Litter, and Pig Crop  
by State and United States, December-February 1994-95 1/

State	Sows Farrowing			Pigs		Pig Crop <u>2/</u>		
	1995			per Litter		1995		
	1994	as % of		1994	1995	1994	as % of	
	Number	1994	1994	1994	1995	Number	1994	1994
	1,000 Head	Percent	---	Number	--	1,000 Head	Percent	
GA	51	46	90	7.50	7.85	383	361	94
IL	265	250	94	7.95	7.80	2,107	1,950	93
IN	220	220	100	8.00	8.10	1,760	1,782	101
IA	650	610	94	7.90	8.30	5,135	5,063	99
KS	65	61	94	8.00	8.10	520	494	95
MN	260	235	90	8.50	8.30	2,210	1,951	88
MO	175	190	109	8.00	8.80	1,400	1,672	119
NE	215	195	91	8.20	8.30	1,763	1,619	92
NC	310	385	124	8.60	8.50	2,666	3,273	123
OH	85	79	93	7.80	8.00	663	632	95
10 Sts	2,296	2,271	99	8.10	8.28	18,607	18,797	101
KY	45	45	100	7.30	7.35	329	331	101
MI	47	42	89	7.90	8.10	371	340	92
PA	43	44	102	8.30	8.30	357	365	102
SD	81	80	99	7.95	8.10	644	648	101
TN	26	28	108	7.70	7.85	200	220	110
WI	65	56	86	8.00	7.90	520	442	85
16 Sts	2,603	2,566	99	8.08	8.24	21,028	21,143	101
Oth								
Sts <u>3/</u>	282	305	108	8.29	8.50	2,340	2,593	111
US	2,885	2,871	100	8.10	8.27	23,368	23,736	102

1/ December preceding year.

2/ Number of pigs born December-February on hand March 1, or had been sold.

3/ Individual State estimates not available for the 34 States.



Farrowings: Number of Sows, Pigs per Litter, and Pig Crop  
by State and United States, March-May 1993-95

State	Sows Farrowing				Pigs		Pig Crop <u>1/</u>		
	1995 <u>2/</u>				per Litter		1994		
	1993	1994	:as % of:				1993	:as % of	
			Number	1994	1993	1994		Number	1993
	----- 1,000 Head -----		Percent		----- 1,000 Head -----		Percent		
GA	53	56	52	93	7.90	8.10	419	454	108
IL	315	330	300	91	7.75	8.10	2,441	2,673	110
IN	240	245	230	94	8.25	8.10	1,980	1,985	100
IA	810	810	675	83	8.10	8.30	6,561	6,723	102
KS	78	74	65	88	7.90	8.40	616	622	101
MN	275	270	250	93	8.30	8.50	2,283	2,295	101
MO	185	215	220	102	7.85	8.00	1,452	1,720	118
NE	230	235	220	94	8.20	8.25	1,886	1,939	103
NC	250	340	400	118	8.55	8.70	2,138	2,958	138
OH	95	98	90	92	8.10	8.20	770	804	104
10 Sts	2,531	2,673	2,502	94	8.12	8.30	20,546	22,173	108
KY	47	45	43	96	7.75	7.75	364	349	96
MI	80	87	75	86	7.80	7.90	624	687	110
PA	44	46	43	93	8.40	8.40	370	386	104
SD	117	118	110	93	8.25	8.10	965	956	99
TN	37	35	31	89	7.40	7.80	274	273	100
WI	70	63	58	92	7.90	8.10	553	510	92
16 Sts	2,926	3,067	2,862	93	8.10	8.26	23,696	25,334	107
Oth									
Sts <u>3/</u>	294	322	350	109	8.31	8.21	2,439	2,642	108
US	3,220	3,389	3,212	95	8.12	8.26	26,135	27,976	107

1/ Number of pigs born March-May on hand June 1, or had been sold.

2/ Intentions.

3/ Individual State estimates not available for the 34 States.

Farrowings: Number of Sows, Pigs per Litter, and Pig Crop  
by State and United States, June-August 1993-95

State	Sows Farrowing				Pigs		Pig Crop <u>1/</u>		
					per Litter		1994		
	1995 <u>2/</u>								
	1993	1994	: as % of:				1993	: as % of	
			Number	1994	1993	1994		Number	1993
	----- 1,000 Head -----		Percent	-- Number --			1,000 Head	Percent	
GA	53	55	50	91	8.05	7.75	427	426	100
IL	300	285	270	95	7.70	7.90	2,310	2,252	97
IN	215	225	220	98	7.95	8.25	1,709	1,856	109
IA	700	705	625	89	8.00	8.10	5,600	5,711	102
KS	71	65	60	92	8.05	8.30	572	540	94
MN	260	255	240	94	8.40	8.50	2,184	2,168	99
MO	165	185	190	103	7.80	8.30	1,287	1,536	119
NE	210	220	205	93	8.20	8.25	1,722	1,815	105
NC	265	350	420	120	8.55	8.65	2,266	3,028	134
OH	93	98	85	87	8.30	8.00	772	784	102
10 Sts	2,332	2,443	2,365	97	8.08	8.23	18,849	20,116	107
KY	47	46	42	91	7.85	7.90	369	363	98
MI	68	65	60	92	7.90	7.70	537	501	93
PA	43	45	44	98	8.60	8.50	370	383	104
SD	86	95	90	95	8.15	8.15	701	774	110
TN	34	34	29	85	7.80	7.90	265	269	102
WI	72	66	58	88	7.90	7.90	569	521	92
16 Sts	2,682	2,794	2,688	96	8.08	8.21	21,660	22,927	106
Oth									
Sts <u>3/</u>	290	313	330	105	8.21	8.36	2,381	2,620	110
US	2,972	3,107	3,018	97	8.09	8.22	24,041	25,547	106

1/ Number of pigs born June-August on hand September 1, or had been sold.

2/ Intentions.

3/ Individual State estimates not available for the 34 States.

Farrowings: Number of Sows, Pigs per Litter, and Pig Crop  
by State and United States, September-November 1993-94

State	Sows Farrowing			Pigs		Pig Crop <sup>1/</sup>		
	1994			per Litter		1994		
	1993	as % of		1993	1994	1993	as % of	
	Number	1993	1993	1993	1994	Number	1993	1993
	1,000 Head	Percent		Number		1,000 Head	Percent	
GA	48	48	100	7.85	7.95	377	382	101
IL	295	265	90	7.80	7.90	2,301	2,094	91
IN	215	220	102	8.10	8.10	1,742	1,782	102
IA	740	660	89	7.90	8.00	5,846	5,280	90
KS	68	65	96	7.80	8.00	530	520	98
MN	245	245	100	8.20	8.50	2,009	2,083	104
MO	175	190	109	8.00	8.70	1,400	1,653	118
NE	210	210	100	8.10	8.20	1,701	1,722	101
NC	290	370	128	8.60	8.45	2,494	3,127	125
OH	80	92	115	8.10	8.30	648	764	118
10 Sts	2,366	2,365	100	8.05	8.21	19,048	19,407	102
KY	47	42	89	7.70	7.79	362	327	90
MI	56	60	107	8.00	8.00	448	480	107
PA	45	44	98	8.50	8.30	383	365	95
SD	94	96	102	8.00	8.05	752	773	103
TN	27	32	119	7.00	7.30	189	234	124
WI	66	58	88	7.90	7.90	521	458	88
16 Sts	2,701	2,697	100	8.04	8.17	21,703	22,044	102
Oth								
Sts <sup>2/</sup>	281	298	106	8.19	8.26	2,300	2,465	107
US	2,982	2,995	100	8.05	8.18	24,003	24,509	102

<sup>1/</sup> Number of pigs born September-November on hand December 1, or had been sold.

<sup>2/</sup> Individual State estimates not available for the 34 States.



## Reliability of March 1 Hogs and Pigs Estimates

**Survey Procedures:** A random sample of 78,000 U.S. producers was surveyed to provide data for these estimates. Survey procedures ensured that all hog and pig producers, regardless of size, had a chance to be included in the survey. Large producers were sampled more heavily than small operations. Data were collected from about 66,500 operations, 85 percent of the total sample, during the first-half of March by mail, telephone, and face-to-face personal interviews. Regardless of when operations responded, they were asked to report inventories as of March 1.

**Estimation Procedures:** These hogs and pigs estimates were prepared by the Agricultural Statistics Board after reviewing recommendations and analysis submitted by each State office. National and State survey data were reviewed for reasonableness with each other and with estimates from past years using a balance sheet. The balance sheet begins with the previous inventory estimate, adds to it estimates of births and imports, and subtracts estimates of slaughter, exports, and deaths. This indicated ending inventory level is compared to the Agricultural Statistics Board estimate for reasonableness.

**Revision Policy:** Revisions to previous estimates are made to improve quarter to quarter relationships. Estimates for the previous four quarters are subject to revision when current estimates are made. In December, estimates for all quarters of the current and previous year are reviewed. The reviews are primarily based on hog check-off receipts and slaughter. Estimates are also reviewed after data from the Department of Commerce's five-year Census of Agriculture are available. No revisions are made after that date. This fall, after the 1992 Census of Agriculture was available, the 1988-1992 estimates were reviewed and final revisions were made. Revised 1988-1992 estimates are published in Statistical Bulletin Number 904.

**Reliability:** Since all operations raising hogs are not included in the sample, survey estimates are subject to sampling variability. Survey results are also subject to non-sampling errors such as omissions, duplication, and mistakes in reporting, recording, and processing the data. The effects of these errors cannot be measured directly. They are minimized through rigid quality controls in the data collection process and through a careful review of all reported data for consistency and reasonableness.

To assist users in evaluating the reliability of the estimates in this report, the "**Root Mean Square Error**" is shown for selected items in the table on page 21. The "Root Mean Square Error" is a statistical measure based on past performance and is computed using the difference between first and final estimates. The "Root Mean Square Error" for hog inventory estimates over the past 20 quarters is 1.5 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 58.4 million head by more than 1.5 percent, or about 875,000 head. Chances are 9 out of 10 that the difference will not exceed 2.6 percent, or about 1,520,000 head (the 90 percent confidence level).

# Reliability of March 1 Hog Estimates 1/

	Root Mean Square Error	90% Confidence Level		Difference Between First and Final Estimates			Number of Quarters	
		Percent	(000) Head	Average	Smallest	Largest	First Above Final	First Below Final
		Percent	----- 1,000 Head -----			--Number--		
All Hogs & Pigs		1.5 2.6	1,520	664	50	1,795	9	11
Pig Crop		2.3 4.0	950	410	6	1,163	8	12
Expected Farrowings								
Next Quarter		3.7 6.4	205	93	6	237	13	7
Following Quarter		4.3 7.5	225	106	6	283	12	8

1/ Based on quarterly records for the past 20 quarters.



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